



**Interagency
Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
February 1999**

Introduction:

Annette Island is located 30 miles south of Ketchikan. It is Alaska's only Indian reservation. During World War II, the Department of Defense (DOD) obtained use of the Metlakatla Peninsula and developed a major air base and minor naval base. Following the war, one runway was paved and served as Ketchikan International Airport until 1973. U.S. Coast Guard (USCG), Federal Aviation Administration (FAA), U.S. Air Force (USAF), National Weather Service (NWS), and Bureau of Indian Affairs (BIA) activities also operated from the area. Today, extensive contamination exists around formerly-owned government facilities. The Metlakatla Indian Community (MIC), population 1,600, wants the 12,000-acre site cleaned. The primary regulators for the environmental cleanup actions will be MIC and Environmental Protection Agency (EPA).

To date, federal agencies have completed in excess of \$5M of investigation and remediation through existing programmatic funding sources. Approximately \$62M government environmental cleanup actions remain to be completed. In 1998, Department of Transportation (DOT) and DOD—through U.S. Army Engineer District-Alaska (USAED)—BIA, and MIC entered into a memorandum of understanding (MOU) with the intent of cooperatively planning for environmental remediation and restoration of the Metlakatla Peninsula. Under the MOU guidelines, a revised Coordinated Comprehensive Cleanup (C3) Plan has been developed based upon the Metlakatla Peninsula Master Plan (1998). The C3 Plan identifies and prioritizes work elements to be completed to clean up former federal facilities during a period of 10 years. The Metlakatla Peninsula Master Plan also includes many projects outside the authority of MOU signatory agencies' environmental programs; therefore, these projects are not covered in the C3 Plan. This C3 Plan will be revised as additional information becomes available regarding the required clean up actions, the availability of funding, and changes in community priorities.

Purpose:

This C3 Plan provides an overall summary of former federal sites and a plan of action for island-wide environmental restoration within 10 years. Due to the number of federal agencies involved, special or shared funding is desirable to cost-effectively coordinate remedial actions. The purpose of the plan is to:

- Identify areas requiring investigation and remediation.
- Create a plan of action to remediate environmental problems under applicable laws and regulations to an acceptable level of risk.
- Develop an integrated schedule, minimizing mobilization and remediation costs.

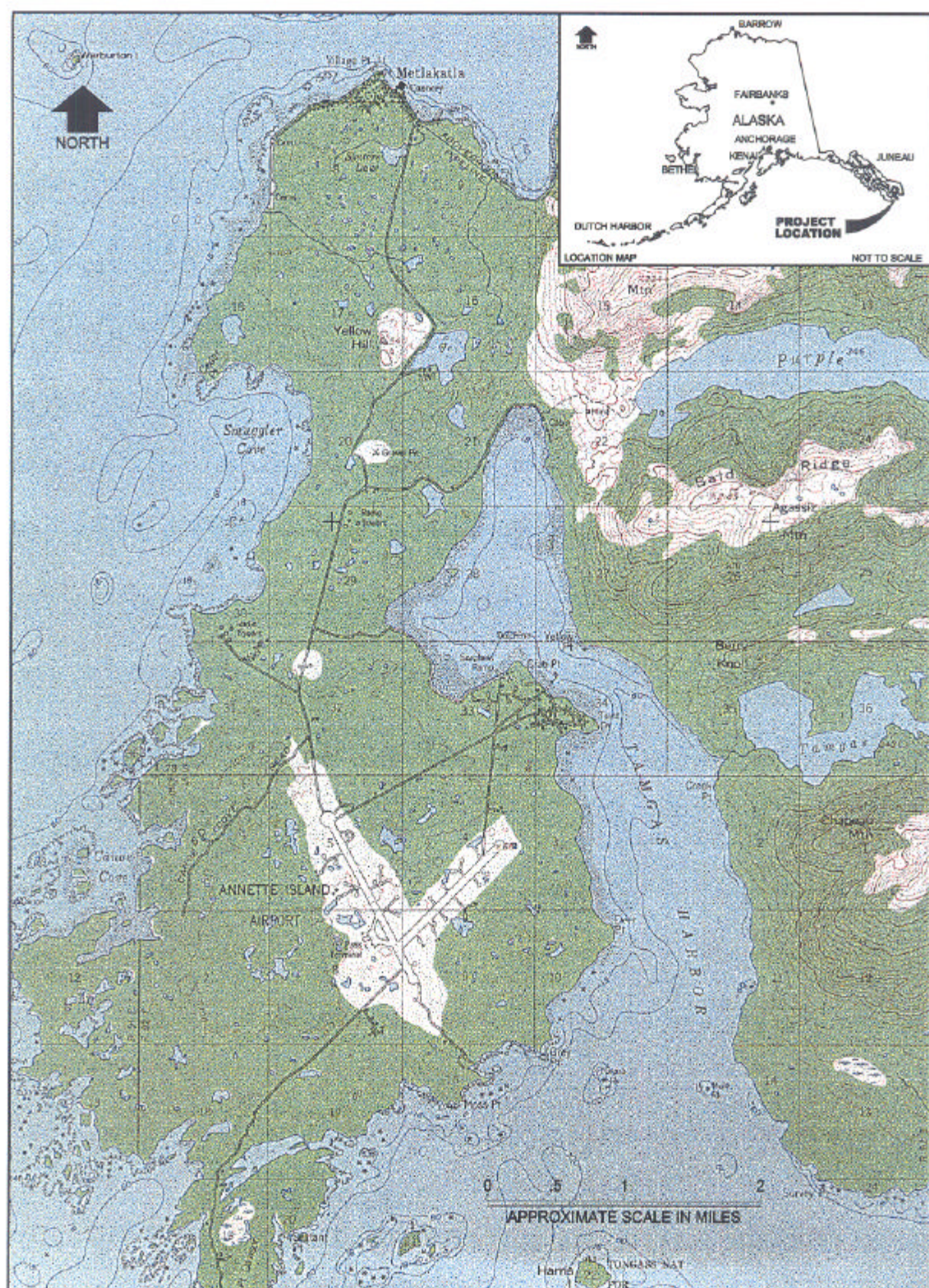
Implementation:

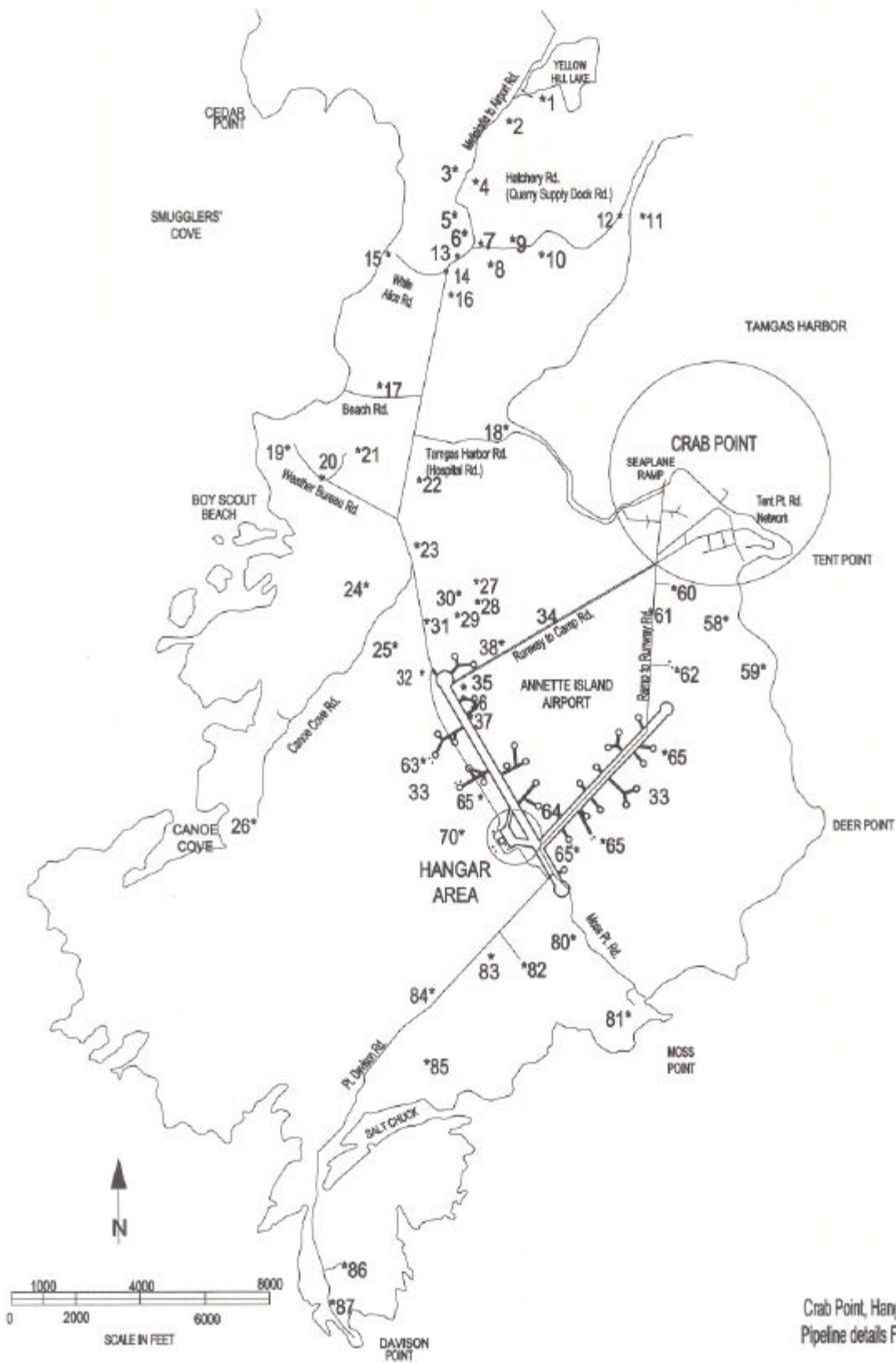
Where possible, scheduled cleanup actions will share resources. Instead of independent action, federal agencies will plan for shared and coordinated use of resources. Concurrent execution of similar projects reduces costs and provides for cleanup in a shorter time period. Specific benefits are:

- Complimentary development of risk screening criteria and National Environment Protection Act (NEPA) documentation.
- Reduced mobilization and demobilization costs.
- Most efficient use of locally available resources; maximized opportunities to employ local labor.

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Site Maps

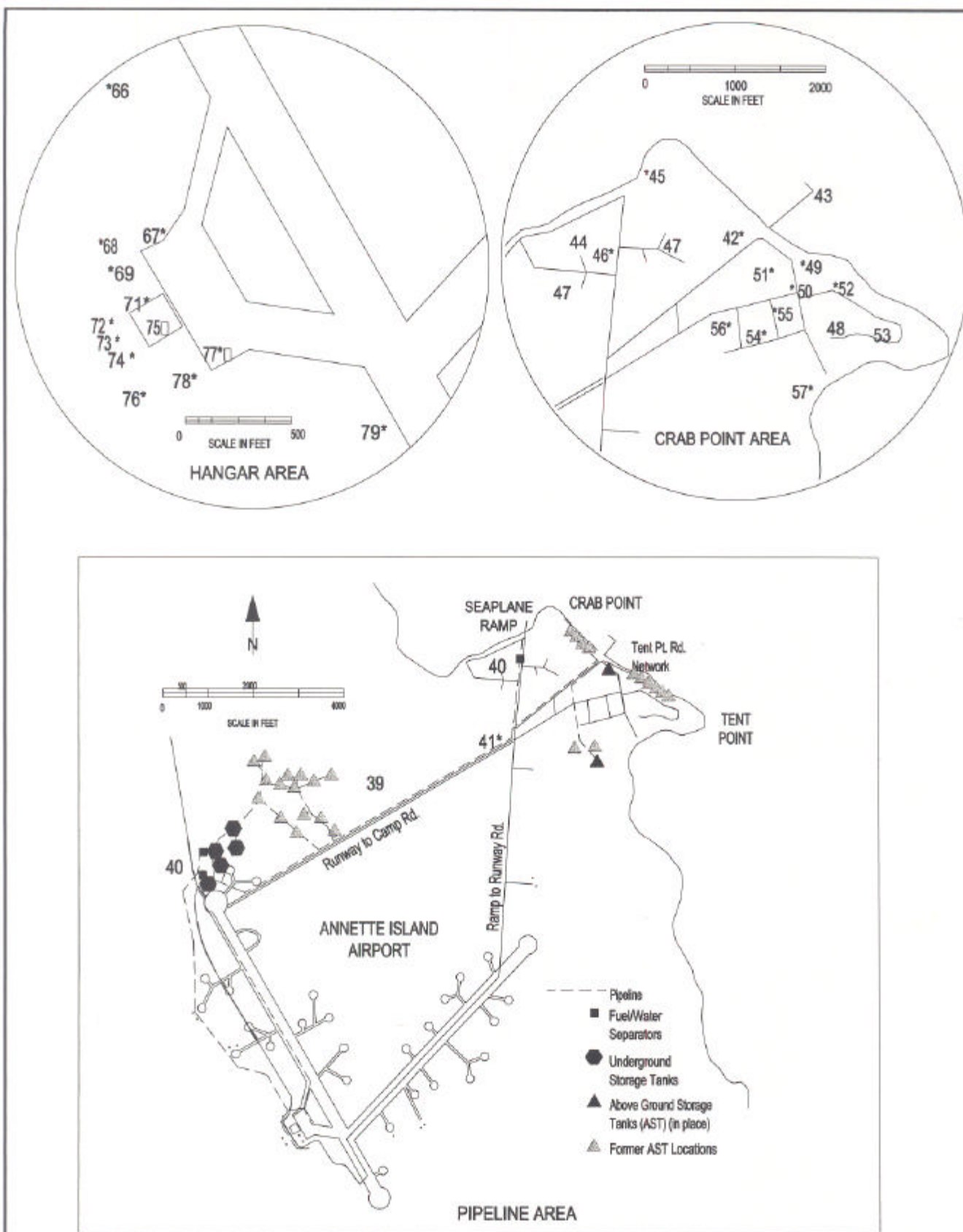




Crab Point, Hangar and Pipeline details Figure 3.

METLAKATLA PENINSULA

Figure 2
Major Site Structures
and Features



METLAKATLA PENINSULA

Figure 3
Major Site Structures
and Features

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**Site Table
(sorted by Site Number)**

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Annette Island, Alaska
Site Table (sorted by Site Number)

Site Number *	Proposed Agency **	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MICE Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency																
** Agency identified by MOU working group as most likely funding source.																
1	FUDS	Water Treatment Plant	DOD-constructed in 1941 to supply fresh water to the Garrison areas	Mercury from switches and potential POL contamination from small fuel tank next to generator building, debris from fall structures	Access road repair and bridge repair	X	X	X								\$250,000
2	DOD	Engineer Garrison (Yellow Hill)	Housing for base engineers	Sewer issues; potential for POL and solvents	SHPO eligibility unresolved								X			\$50,000
3	FUDS	6-inch Guns and Garrison	Two 6-inch guns were installed for coastal defense; included housing for gun crews	Potential POL associated with heating oil tanks, debris	SHPO-building demolition eligibility					X						\$15,000
4		Quarry	Rock quarry for island-wide construction	No environmental remediation required	Potential staging area for remedial construction											
5	FAA	Municipal Landfill	Started in the 1940s and used only by the government until the mid-1980s; currently used by MIC	Close landfill with funding from responsible parties; landfill is a wetland and not permitted	A new land fill/waste manage system needed			X	X	X	X	X	X	X	X	\$5,000,000
6		Shell Storage Bunker (2)	Wood foundation and debris	No environmental remediation required												
7	BIA	BIA Road Maintenance Center		Lead-based paint, PCBs, drums, contaminated soils, ASTs						X						\$550,000
8	BIA	Bark Disposal Fill Area		Salvage bark and compost, metal debris, slope stabilization, close and cap area	Other potential participating party.				X							\$2,800,000
9	BIA	Power Generation Plant	Originally an army power generation plant.	Transformers, drums, contaminated soils, ASTs						X						\$2,160,000
10	FAA	Automobile Landfill	Used for storage/disposal of metal materials, drums, vehicles, etc.	Remove materials; recycle metal materials	North corner of site shows signs of soil contamination			X	X	X						\$750,000
11		Supply Dock	Remains of original supply dock to federal facilities	No environmental remediation required	Community wants replacement of dock											
12	BIA	North Tamgas Harbor Tank Farm		Clean and refurbish tanks; spill containment for emergency response				X								\$200,000
13	BIA	Abandoned Landfill		Batteries, paints, fuels, metal debris; closure			X	X								\$870,000
14	FAA	Chlorination Building	Built by FAA; contains lead-based paint	Remove building or lead-based paint	Asbestos on water pipeline					X	X					\$15,000
15A	DOD	White Alice Station (MPL)	Constructed in 1966 as a DEW line communication link	UST still connected to active system; releases from UST; debris.	Eligibility unresolved				X	X	X					\$2,000,000

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16	FAA	Antenna Towers	Built by FAA, contains lead-based paint	Remove towers or associated lead-based paint				X								\$50,000
17		Beach Access Road		No environmental remediation required	Community wants road improvements											
18	FUDS	Main Hospital Area	Quonset hut construction, 75 bed hospital	Potential POL, solvents, and insecticides	Site access; building demolition eligibility	X	X	X	X	X	X					\$3,000,000
19	FAA	Non-Directional Beacon (NDB)	Site currently leased and in use	Lead in soil from burned building; remove downed towers				X	X							\$100,000
20	DOC/NWS	Weather Bureau Housing	Active housing for Weather Bureau consisting of seven wood frame buildings	Active AST with potentially POL-contaminated soil	Not a signatory to MOU					X						\$500,000
21	FAA	Remote Communications Air-Ground (RCAG) Facility	Site currently leased but not in use	Remove building; remove fuel contaminated soil; foundation to remain	Underground fuel tank removed during 1998	X	X									\$150,000
22	FAA	AACS Station	Used by FAA	Remove asbestos, lead, and collapsed building; foundation to remain	Tower also on site		X	X								\$100,000
23	FAA	ACS Transmitter	ACS run in cooperation with FAA	Potential fuel and PCB spills; remove collapsed building; foundation to remain	Additional soil testing needed					X	X					\$80,000
24	FAA	Middle Marker Facility	Built by FAA, contains lead-based paint, asbestos, and electrical equipment	Remove collapsed building and tar drums near stream	Nearby transformer casing tested clean for PCBs	X	X	X								\$35,000
25	FAA	Approach Lighting System	Consists of 29 towers built and used by FAA	Remove towers or associated lead-based paint			X	X								\$500,000
26	FUDS	Canoe Cove Garrison	Housing for base personnel. Largely Quonset hut and local wood-frame construction	Fuel tanks	SHPO-building demolition eligibility				X	X	X					\$250,000
27	FAA	VORTAC Facility	Site currently leased and in use	Remove lead-based paint chips from soil	Lead from painted counterpoise				X	X	X					\$750,000
28	FAA	Water Tanks	Built and abandoned in place on current lease site (VORTAC)	Remove platforms, wire rings, and other debris from site											X	\$15,000
29	FAA	Directional Finder Antenna	Site currently leased and in use	Antenna may be painted with lead-based paint	May require stripping and repainting										X	\$5,000
30	FAA	Satellite Station (ANICS)	Site currently leased and in use	No known problems	New facility mid-1990s											
31	FUDS	Underground Fuse Magazines	Storage magazines for torpedo fuses	Falling hazards	SHPO					X						\$50,000

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32	FAA	SALSR	Built and used by FAA	Remove lead-based painted building	PCBs removed 1996		X									\$5,000
33A	FAA	Landing Field	Owned and operated by FAA	Remove drums from revetments and investigate soils potentially contaminated with herbicides							X	X	X			\$500,000
33B	USCG	Former USCG Storage Area	Leased from FAA by USCG	Remove drums, fuel-contaminated soil from Revetments H-38, H-39, H-40		X	X	X								\$75,000
33C	FUDS	Landing Field--Firing Ranges near Runway B	Landing field consisted of two gravel runways constructed by DOD. The small arms firing range was established in one of the aircraft parking revetments	Potential lead issues	Potentially used after military	X	X	X								\$100,000
34	FAA	Runway to Camp Road (Plank Road)	Built and abandoned in place	Remove roadway and drums									X	X	X	\$5,000,000
35	FAA	Small Tower	Used for airport operation	Remove lead-based painted tower				X								\$5,000
36	FAA	Glide Slope Facility	Built and used by FAA	Remove remains of the lead-based painted building	PCB containing equipment removed 1996/97	X	X									\$15,000
37	FAA	Sand Shed/Asphalt Plant	Facility operated for 30 years by FAA	Remove drums, metal bands, burned building, and lead in soil; investigate tar pit (potentially remove tar pit)	"Black Water" contamination testing needed; sample for glycol in sand shed soil location	X	X	X	X							\$3,000,000
38	FUDS	DOD Sawmill	Provided lumber for local construction in support of base operations	Debris, potential contamination relating to sawmill operations							X					\$50,000
39A	FUDS	Fuel Pipeline System	Supplied the operational reserve and tactical fueling system; delivered fuel from the fuel dock to the storage tanks and to runway fueling pits	Fuel in pipeline and potential soil contamination	Potential Standard Oil responsibility	X	X	X	X	X	X					\$5,000,000
39B	FAA	Fuel Pipeline System	See Site 43A	Tamgas Harbor Dock fuel pipelines	See Site 43A											
40	USCG	Pipeline Oil/Water Separators	Used by USN and USCG during WWII	Drain fuel line; cleanup contaminated soil	This work should be included with cleanup of entire six miles of pipeline			X	X	X						\$80,000
41	FAA	Tanker Truck Loading Facility-Tank Farm	Leased to Standard Oil by FAA for over 25 years	Remove/remediate fuel-contaminated soil	Standard Oil (now Chevron) could be a participating party	X	X	X								\$100,000
42	FAA	FAA Tank Farm	Operated by Standard Oil under a lease from FAA	Remove/remediate fuel-contaminated soils; confirm whether spills have impacted Tamgas Harbor wildlife	Standard Oil (now Chevron) could be a participating party	X	X	X	X	X	X	X	X	X		\$5,000,000

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43A	FAA	South Tamgas Harbor Dock--Dock and Pipeline	Owned and operated by FAA and used by Standard Oil for over 25 years	Remove fuel and pipeline		X	X	X								\$100,000
43B	FUDS	USCG Housing--South Tamgas Harbor Dock Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of the war	Ordnance contaminates from dumped debris				X								\$50,000
44	USCG	USCG Housing	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel lines, fuel tanks, and associated contaminated soil	Building foundation and collapsed buildings				X	X	X					\$150,000
45A	USCG	USCG Seaplane Base	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint materials, debris, and hazards								X	X	X		\$25,000
45B	FUDS	USCG Seaplane Base--Ramp Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of the war	Ordnance contaminates from dumped debris				X								\$50,000
46	USCG	USCG Fire Station/Post Exchange	Operated by USCG; property leased from FAA	Remove lead, asbestos, fuel lines, fuel tanks, and associated contaminated soil					X							\$95,000
47A	USCG	USCG Taxiways and Parking Circles	Owned and operated by USCG; property leased from FAA/MIC	Remove transformer, drums, and fuel contaminated soil	Used as storage area for fuels removed from planes		X	X	X							\$25,000
47B	FUDS	USCG Taxiways and Parking Circle--Ordnance Survey	WWII aircraft parking area used by USCG for aircraft refueling	Powder canisters; reportedly moved to this site when empty			X	X								\$15,000
48	FAA	Main Construction Camp	Owned and operated by FAA for over 25 years	Remove fuel tanks, contaminated soil (lead, fuel, and PCBs), solvents, septic tanks, asbestos, lead-based paint, collapsed buildings, etc.; foundation to remain	Standard Oil, USCG, and others lease property at this site from FAA	X	X	X	X	X	X					\$2,900,000
49	FAA	Gasoline Station	Operated by Standard Oil and later by FAA	Remove/remediate contaminated soil from garage/wash/service area buildings; lead-based paint on buildings	Four buildings used by Standard Oil, FAA, USCG, and USA	X	X	X	X							\$500,000
50	FAA	Fire Truck Hut	Operated by Standard Oil and later by FAA	Remove fuel tank, lead-based paint, and fuel contamination; building to remain	Asbestos removal scheduled by DOD	X	X	X	X							\$100,000
51	FAA	FAA Storage Yard	Owned and operated by FAA for over 25 years	Remove fuel tanks, lead-based painted buildings which have collapsed, equipment, septic tanks, and fuel-contaminated soil	Many burned buildings in the area	X	X	X	X							\$100,000
52	BIA	Waste Water Treatment Pond	Used to aerate sewage generated from the FAA housing area	Repair sewage lagoon to support cleanup activities		X										\$90,000
53A	FAA	FAA Housing Area--POL and Tanks	Owned and operated by FAA for over 25 years	Remove underground fuel tanks and associated fuel-contaminated soil		X	X	X	X							\$500,000

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53B	BIA	FAA Housing Area—Lead and Asbestos	Housing was built during WWII	Remove asbestos and lead-based paint		X	X									\$2,550,000
54	BIA	Public School	Originally a state school	Debris, lead-contaminated soils, POL contamination	School was burned to the ground.							X				\$320,000
55	FAA	FAA Service Building	Used as FAA garage	Remove fuel, fuel tanks, and contaminated soil		X	X	X	X	X	X	X				\$100,000
56A	FUDS	PNA/WA Residential Building (3-80,000 gallon AST)	Wood stove fuel tanks constructed as part of airfield support	POL soil contamination	SHPO; access	X	X	X	X	X	X					\$1,500,000
56B	BIA	PNA/WA Residential Building (lead and asbestos)	Apartment was built for airline employees and is currently used for MIC residences	Remove asbestos and lead-based paint		X										\$30,000
57	FAA	Administration Building	FAA leased property, NWS-owned Building 307 (also called BC-1)	Possible lead in soil from burned building; remove collapsed building; foundation to remain	Later used by USCG as Muskeg Lounge				X	X						\$15,000
58	FUDS	DOD Utility Officer Buildings—Quarter Master and Utility Buildings	Shop area providing aircraft and other maintenance	Potential POL, solvents, and paints	Building demolition eligibility	X	X	X								\$15,000
59	FUDS	Air Warning Center Garrison	Site of the AWS filter center; included housing to support AWS personnel	POL associated with power generators and fuel tanks	SHPO-building demolition eligibility				X	X	X					\$250,000
60	FAA	Receiver Station	Owned by FAA for over 25 years	Remove lead-based painted metal and collapsed building								X	X			\$15,000
61	FAA	71st Garrison	Owned by the FAA for over 25 years	Remove drums and other hazardous materials	Could save one Quonset hut which is in great shape					X	X					\$250,000
62	FAA	Power House	Owned and operated by FAA for over 25 years	Remove contaminated soil from fuel storage site; foundation to remain	Possible lead-based paint on building				X	X	X	X				\$500,000
63	FAA	Remote Receiver Station	Owned and operated by FAA for over 25 years	Remove lead based-paint, asbestos, towers, lead communication cables		X	X	X								\$150,000
64	FAA	Runway Taxiways and Parking Circles	Owned and operated by FAA for over 25 years	Remove drums and spills		X	X	X	X							\$150,000
65	DOD	Runway Fortifications	Training area adjacent to Runway A	Barbed wire and trenches	SHPO/safety eligibility unresolved									X		\$150,000
66	FAA	High Intensity Light	Owned and operated by FAA for over 25 years	Remove light fixtures (asbestos wiring, ballasts, bulbs)										X		\$15,000
67	FAA	Weather Bureau Station—Hangar	Subleased from FAA for 25 years	Remove buried drums near site								X	X			\$10,000

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68	USCG	USCG Water Treatment Plant	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos, PCB oils, and hazards	One abandoned PCB containing transformer in the area			X	X	X						\$60,000
69A	USCG	USCG Quarters--POL	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel spillage from former AST					X	X						\$100,000
69B	BIA	USCG Quarters--Structure	The remains of USCG quarters consists of a two-story building	Remove structure and debris, replace structure				X								\$830,000
70	FAA	Beacon Tower	Owned and operated by FAA for over 25 years	Remove lead-based paint from beacon tower or demolish tower							X	X				\$15,000
71A	USCG	USCG Garage--Asbestos	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos			X	X								\$50,000
71B	BIA	USCG Garage--Other	Former USCG office currently in use for sawmill storage and repair shop	Remove asbestos, barrels, containment for AST						X						\$70,000
72	USCG	Hangar Boiler Building	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos and PCB- and fuel contaminated soils	Asbestos removal scheduled for 1999 by DOD	X				X	X	X				\$100,000
73	USCG	Boiler Building AST	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area			X	X	X						\$150,000
74	USCG	USCG ASTs	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area				X	X	X					\$50,000
75	USCG	Hangar	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint, asbestos, UST tank, and PCB and fuel spills in and around hangar	Ownership of abandoned transformers in the hangar is unclear				X	X	X	X	X			\$4,000,000
76	FAA	Trailer (Former MoGas-Gas UST Service Island Location)	Subleased from FAA for 25 years by Standard Oil	Remove three USTs, including one by the hangar; remove contaminated soil	Tanks may belong to Standard Oil	X	X	X								\$300,000
77	BIA	PNA/WVA Terminal	Single story building with garage	Remove asbestos and lead-based paint, debris; remediate contaminated soils; replace structure	Building was burned to the ground.							X				\$430,000
78	FAA	Air Traffic Control Tower	Owned and operated by FAA for over 25 years	Remove lead based-paint from tower or demolish tower; remove UST and contaminated soil	Tower may be of historic value				X	X						\$175,000
79	BIA	Log Storage Yard		Barrels, debris, contaminated soils									X			\$390,000

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80	FAA	Localizer	Owned and operated by FAA for over 25 years	Remove lead-based paint and asbestos, collapsed building, and equipment (Building 401)		X	X									\$25,000
81	DOD	Moss Point Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Sewer issues; potential for POL and solvents	SHPO eligibility unresolved	X										\$250,000
82	DOD	Winnipeg Garrison (PAA Housing)	Housing for base personnel; largely Quonset hut and local wood-frame construction; remodeled after DOD use by Pan American Airlines	Potential fuel tanks and POL contamination	Eligibility unresolved			X								\$500,000
83	DOD	Annette Inn Auxiliary Area	Former anti-aircraft positions and housing	Collapsed structures in creek	Eligibility unresolved				X							\$200,000
84	FUDS	Tokio Garrison	Housing for base personnel. Largely Quonset hut and local wood-frame construction.	POL associated with power generators and fuel tanks	SHPO-building demolition eligibility				X	X						\$250,000
85	GTE (Non-Federal)	Tropospheric Relay Station														
86	FUDS	Satellite Tracking Station	Constructed in 1961 for the early radar tracking of satellites	Concrete structures, potential for lead-based paint	SHPO						X					\$25,000
87	DOD	Point Davison Garrison	Housing for personnel operating the 155mm gun positions	Sewer issues; potential for POL and solvents	Critical SHPO eligibility unresolved							X				\$500,000
88		Burned Buildings (covered in other features)														
89	FAA	Trash Dumps Island Wide	Government materials/trash sites	Remove environmental issues, government trash, electronic equipment	Some WWII plane parts may be historic		X	X	X	X						\$500,000
90A	FAA	Fuel Dump Sites (Drums)--Island Wide	Government materials/trash sites	Remove drums; most of them contained asphalt for the runway		X	X	X	X							\$750,000
90B	DOD	Debris/Empty Drums	DOD dumped drums at various sites on the island	Safety issues	Safety	X										\$350,000
91	FUDS	Hotspur Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
92	FUDS	Callaghan Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
93	FUDS	Warburton Island	Observation post established for early detection and warning	No issues/work identified												No work required

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	DOD	Asbestos Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Health issues for potential reuse	Eligibility unresolved	X										\$600,000
	DOD	Lead-Based Paint Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Health issues for potential reuse	Eligibility unresolved									X	X	\$1,000,000
		TOTAL														\$81,585,000

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3	FUDS	6-inch Guns and Garrison	Two 6-inch guns were installed for coastal defense; included housing for gun crews	Potential POL associated with heating oil tanks, debris	SHPO-building demolition eligibility						X					\$15,000
18	FUDS	Main Hospital Area	Quonset hut construction, 75 bed hospital	Potential POL, solvents, and insecticides	Site access; building demolition eligibility	X	X	X	X	X	X					\$3,000,000
26	FUDS	Canoe Cove Garrison	Housing for base personnel. Largely Quonset hut and local wood-frame construction	Fuel tanks	SHPO-building demolition eligibility				X	X	X					\$250,000
31	FUDS	Underground Fuse Magazines	Storage magazines for torpedo fuses	Falling hazards	SHPO						X					\$50,000
33C	FUDS	Landing Field—Firing Ranges near Runway B	Landing field consisted of two gravel runways constructed by DOD. The small arms firing range was	Potential lead issues	Potentially used after military		X	X	X							\$100,000
38	FUDS	DOD Sawmill	Provided lumber for local construction in support of base operations	Debris, potential contamination relating to sawmill operations							X					\$50,000
39A	FUDS	Fuel Pipeline System	Supplied the operational reserve and tactical fueling system; delivered fuel from the fuel dock to the storage tanks and to runway fueling pits	Fuel in pipeline and potential soil contamination	Potential Standard Oil responsibility	X	X	X	X	X	X					\$5,000,000
43B	FUDS	USCG Housing—South Tamgas Harbor Dock Ordinance Dive	Ordinance may have been dumped in Tamgas Harbor at the end of the war	Ordinance contaminates from dumped debris				X								\$50,000
45B	FUDS	USCG Seaplane Base—Ramp Ordinance Dive	Ordinance may have been dumped in Tamgas Harbor at the end of the war	Ordinance contaminates from dumped debris				X								\$50,000
47B	FUDS	USCG Taxiways and Parking Circle—Ordinance Survey	WWII aircraft parking area used by USCG for aircraft refueling	Powder canisters; reportedly moved to this site when empty			X	X								\$15,000
56A	FUDS	PNAWA Residential Building (3-80,000 gallon AST)	Wood stove fuel tanks constructed as part of airfield support	POL soil contamination	SHPO; access	X	X	X	X	X	X					\$1,500,000
58	FUDS	DOD Utility Officer Buildings—Quarter Master and Utility Buildings	Shop area providing aircraft and other maintenance	Potential POL, solvents, and paints	Building demolition eligibility		X	X	X							\$15,000
59	FUDS	Air Warning Center Garrison	Site of the AWS filter center; included housing to support AWS personnel	POL associated with power generators and fuel tanks	SHPO-building demolition eligibility				X	X	X					\$250,000
84	FUDS	Tokio Garrison	Housing for base personnel. Largely Quonset hut and local wood-frame construction.	POL associated with power generators and fuel tanks	SHPO-building demolition eligibility				X	X						\$250,000

Interagency Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Proposed Agency **	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
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** Agency identified by MCU working group as most likely funding source.																
86	FUDS	Satellite Tracking Station	Constructed in 1961 for the early radar tracking of satellites	Concrete structures, potential for lead-based paint	SHPO						X					\$25,000
91	FUDS	Hotspur Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
92	FUDS	Callaghan Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
93	FUDS	Warburton Island	Observation post established for early detection and warning	No issues/work identified												No work required
	FUDS	TOTAL														\$10,870,000

Interagency Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
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						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
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2	DOD	Engineer Garrison (Yellow Hill)	Housing for base engineers	Sewer issues; potential for POL and solvents	SHPO eligibility unresolved								X			\$50,000
15A	DOD	White Alice Station (MPL)	Constructed in 1956 as a DEW line communication link	UST still connected to active system; releases from UST; debris.	Eligibility unresolved				X	X	X					\$2,000,000
65	DOD	Runway Fortifications	Training area adjacent to Runway A	Barbed wire and trenches	SHPO/safety eligibility unresolved									X		\$150,000
81	DOD	Moss Point Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Sewer issues; potential for POL and solvents	SHPO eligibility unresolved		X									\$250,000
82	DOD	Winnipeg Garrison (PAA Housing)	Housing for base personnel; largely Quonset hut and local wood-frame construction; remodeled after DOD use by Pan American Airlines	Potential fuel tanks and POL contamination	Eligibility unresolved			X								\$500,000
83	DOD	Annette Inn Auxiliary Area	Former anti-aircraft positions and housing	Collapsed structures in creek	Eligibility unresolved				X							\$200,000
87	DOD	Point Davison Garrison	Housing for personnel operating the 155mm gun positions	Sewer issues; potential for POL and solvents	Critical SHPO eligibility unresolved							X				\$500,000
90B	DOD	Debris/Empty Drums	DOD dumped drums at various sites on the island	Safety issues	Safety		X									\$350,000
	DOD	Asbestos Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Health issues for potential reuse	Eligibility unresolved		X									\$600,000
	DOD	Lead-Based Paint Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Health issues for potential reuse	Eligibility unresolved									X	X	\$1,000,000
	DOD	TOTAL														\$5,600,000

Interagency Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
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						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
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5	FAA	Municipal Landfill	Started in the 1940s and used only by the government until the mid-1960s; currently used by MIC	Close landfill with funding from responsible parties; landfill is a wetland and not permitted	A new land fill/waste manage system needed			X	X	X	X	X	X	X	X	\$5,000,000
10	FAA	Automobile Landfill	Used for storage/disposal of metal materials, drums, vehicles, etc.	Remove materials; recycle metal materials	North corner of site shows signs of soil contamination			X	X	X						\$750,000
14	FAA	Chlorination Building	Built by FAA; contains lead-based paint	Remove building or lead-based paint	Asbestos on water pipeline					X	X					\$15,000
16	FAA	Antenna Towers	Built by FAA; contains lead-based paint	Remove towers or associated lead-based paint				X								\$50,000
19	FAA	Non-Directional Beacon (NDB)	Site currently leased and in use	Lead in soil from burned building; remove downed towers				X	X							\$100,000
21	FAA	Remote Communications Air-Ground (RCAG) Facility	Site currently leased but not in use	Remove building; remove fuel contaminated soil; foundation to remain	Underground fuel tank removed during 1998	X	X									\$150,000
22	FAA	AACS Station	Used by FAA	Remove asbestos, lead, and collapsed building; foundation to remain	Tower also on site		X	X								\$100,000
23	FAA	ACS Transmitter	ACS run in cooperation with FAA	Potential fuel and PCB spills; remove collapsed building; foundation to remain	Additional soil testing needed					X	X					\$80,000
24	FAA	Middle Marker Facility	Built by FAA, contains lead-based paint, asbestos, and electrical equipment	Remove collapsed building and tar drums near stream	Nearby transformer casing tested clean for PCBs	X	X	X								\$35,000
25	FAA	Approach Lighting System	Consists of 29 towers built and used by FAA	Remove towers or associated lead-based paint			X	X								\$500,000
27	FAA	VORTAC Facility	Site currently leased and in use	Remove lead-based paint chips from soil	Lead from painted counterpoise				X	X	X					\$750,000
28	FAA	Water Tanks	Built and abandoned in place on current lease site (VORTAC)	Remove platforms, wire rings, and other debris from site											X	\$15,000
29	FAA	Directional Finder Antenna	Site currently leased and in use	Antenna may be painted with lead-based paint	May require stripping and repainting										X	\$5,000
30	FAA	Satellite Station (ANICS)	Site currently leased and in use	No known problems	New facility mid-1990s											
32	FAA	SALSR	Built and used by FAA	Remove lead-based painted building	PCBs removed 1996		X									\$5,000
33A	FAA	Landing Field	Owned and operated by FAA	Remove drums from revetments and investigate soils potentially contaminated with herbicides							X	X	X			\$500,000

**Interagency Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)**

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34	FAA	Runway to Camp Road (Plank Road)	Built and abandoned in place	Remove roadway and drums									X	X	X	\$5,000,000
35	FAA	Small Tower	Used for airport operation	Remove lead-based painted tower				X								\$5,000
36	FAA	Glide Slope Facility	Built and used by FAA	Remove remains of the lead-based painted building	PCB containing equipment removed 1996/97	X	X									\$15,000
37	FAA	Sand Shed/Asphalt Plant	Facility operated for 30 years by FAA	Remove drums, metal bands, burned building, and lead in soil; investigate tar pit (potentially remove tar pit)	"Black Water" contamination testing needed; sample for glycol in sand shed soil location	X	X	X	X							\$3,000,000
39B	FAA	Fuel Pipeline System	See Site 43A	Tamgas Harbor Dock fuel pipelines	See Site 43A											
41	FAA	Tanker Truck Loading Facility-Tank Farm	Leased to Standard Oil by FAA for over 25 years	Remove/remediate fuel-contaminated soil	Standard Oil (now Chevron) could be a participating party	X	X	X								\$100,000
42	FAA	FAA Tank Farm	Operated by Standard Oil under a lease from FAA	Remove/remediate fuel-contaminated soils; confirm whether spills have impacted Tamgas Harbor wildlife	Standard Oil (now Chevron) could be a participating party	X	X	X	X	X	X	X	X	X	X	\$5,000,000
43A	FAA	South Tamgas Harbor Dock-Dock and Pipeline	Owned and operated by FAA and used by Standard Oil for over 25 years	Remove fuel and pipeline		X	X	X								\$100,000
48	FAA	Main Construction Camp	Owned and operated by FAA for over 25 years	Remove fuel tanks, contaminated soil (lead, fuel, and PCBs), solvents, septic tanks, asbestos, lead-based paint, collapsed buildings, etc.; foundation to remain	Standard Oil, USCG, and others lease property at this site from FAA	X	X	X	X	X	X					\$2,900,000
49	FAA	Gasoline Station	Operated by Standard Oil and later by FAA	Remove/remediate contaminated soil from garage/wash/service area buildings; lead-based paint on buildings	Four buildings used by Standard Oil, FAA, USCG, and USA	X	X	X	X							\$500,000
50	FAA	Fire Truck Hut	Operated by Standard Oil and later by FAA	Remove fuel tank, lead-based paint, and fuel contamination; building to remain	Asbestos removal scheduled by DOD	X	X	X	X							\$100,000
51	FAA	FAA Storage Yard	Owned and operated by FAA for over 25 years	Remove fuel tanks, lead-based painted buildings which have collapsed, equipment, septic tanks, and fuel-contaminated soil	Many burned buildings in the area	X	X	X	X							\$100,000
53A	FAA	FAA Housing Area-POL and Tanks	Owned and operated by FAA for over 25 years	Remove underground fuel tanks and associated fuel-contaminated soil		X	X	X	X							\$500,000
55	FAA	FAA Service Building	Used as FAA garage	Remove fuel, fuel tanks, and contaminated soil		X	X	X	X	X	X	X				\$100,000

Interagency Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
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57	FAA	Administration Building	FAA leased property, NWS-owned Building 307 (also called BG-1)	Possible lead in soil from burned building; remove collapsed building; foundation to remain	Later used by USCG as Muskeg Lounge				X	X						\$15,000
60	FAA	Receiver Station	Owned by FAA for over 25 years	Remove lead-based painted metal and collapsed building								X	X			\$15,000
61	FAA	71st Garrison	Owned by the FAA for over 25 years	Remove drums and other hazardous materials	Could save one Quonset hut which is in great shape					X	X					\$250,000
62	FAA	Power House	Owned and operated by FAA for over 25 years	Remove contaminated soil from fuel storage site; foundation to remain	Possible lead-based paint on building				X	X	X	X				\$500,000
63	FAA	Remote Receiver Station	Owned and operated by FAA for over 25 years	Remove lead based-paint, asbestos, towers, lead communication cables		X	X	X								\$150,000
64	FAA	Runway Taxiways and Parking Circles	Owned and operated by FAA for over 25 years	Remove drums and spills			X	X	X	X						\$150,000
66	FAA	High Intensity Light	Owned and operated by FAA for over 25 years	Remove light fixtures (asbestos wiring, ballasts, bulbs)										X		\$15,000
67	FAA	Weather Bureau Station--Hangar	Subleased from FAA for 25 years	Remove buried drums near site								X	X			\$10,000
70	FAA	Beacon Tower	Owned and operated by FAA for over 25 years	Remove lead-based paint from beacon tower or demolish tower							X	X				\$15,000
76	FAA	Trailer (Former MoGas-Gas UST Service Island Location)	Subleased from FAA for 25 years by Standard Oil	Remove three USTs, including one by the hangar; remove contaminated soil	Tanks may belong to Standard Oil	X	X	X								\$300,000
78	FAA	Air Traffic Control Tower	Owned and operated by FAA for over 25 years	Remove lead based-paint from tower or demolish tower; remove UST and contaminated soil	Tower may be of historic value				X	X						\$175,000
80	FAA	Localizer	Owned and operated by FAA for over 25 years	Remove lead-based paint and asbestos, collapsed building, and equipment (Building 401)		X	X									\$25,000
89	FAA	Trash Dumps Island Wide	Government materials/trash sites	Remove environmental issues, government trash, electronic equipment	Some WWII plane parts may be historic		X	X	X	X						\$500,000

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90A	FAA	Fuel Dump Sites (Drums)-- Island Wide	Government materials/trash sites	Remove drums; most of them contained asphalt for the runway		X	X	X	X							\$750,000
	FAA	TOTAL														\$28,345,000

Interagency Coordinated Comprehensive Cleanup (C3) Plan
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33B	USCG	Former USCG Storage Area	Leased from FAA by USCG	Remove drums, fuel-contaminated soil from Revetments H-38, H-39, H-40		X	X	X								\$75,000
40	USCG	Pipeline Oil/Water Separators	Used by USN and USCG during WWII	Drain fuel line; cleanup contaminated soil	This work should be included with cleanup of entire six miles of pipeline			X	X	X						\$80,000
44	USCG	USCG Housing	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel lines, fuel tanks, and associated contaminated soil	Building foundation and collapsed buildings				X	X	X					\$150,000
45A	USCG	USCG Seaplane Base	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint materials, debris, and hazards								X	X	X		\$25,000
46	USCG	USCG Fire Station/Post Exchange	Operated by USCG; property leased from FAA	Remove lead, asbestos, fuel lines, fuel tanks, and associated contaminated soil					X							\$95,000
47A	USCG	USCG Taxiways and Parking Circles	Owned and operated by USCG; property leased from FAA/MIC	Remove transformer, drums, and fuel contaminated soil	Used as storage area for fuels removed from planes		X	X	X							\$25,000
58	USCG	USCG Water Treatment Plant	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos, PCB oils, and hazards	One abandoned PCB containing transformer in the area			X	X	X						\$60,000
69A	USCG	USCG Quarters-POL	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel spillage from former AST					X	X						\$100,000
71A	USCG	USCG Garage-Asbestos	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos			X	X								\$50,000
72	USCG	Hangar Boiler Building	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos and PCB- and fuel contaminated soils	Asbestos removal scheduled for 1999 by DOD	X				X	X	X				\$100,000
73	USCG	Boiler Building AST	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area			X	X	X						\$150,000
74	USCG	USCG ASTs	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area				X	X	X					\$50,000
75	USCG	Hangar	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint, asbestos, UST tank, and PCB and fuel spills in and around hangar	Ownership of abandoned transformers in the hangar is unclear				X	X	X	X	X			\$4,000,000
	USCG	TOTAL														\$4,960,000

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7	BIA	BIA Road Maintenance Center		Lead-based paint, PCBs, drums, contaminated soils, ASTs						X						\$550,000
8	BIA	Bark Disposal Fill Area		Salvage bark and compost, metal debris, slope stabilization, close and cap area	Other potential participating party.				X							\$2,800,000
9	BIA	Power Generation Plant	Originally an army power generation plant.	Transformers, drums, contaminated soils, ASTs						X						\$2,160,000
12	BIA	North Tamgas Harbor Tank Farm		Clean and refurbish tanks; spill containment for emergency response				X								\$200,000
13	BIA	Abandoned Landfill		Batteries, paints, fuels, metal debris; closure			X	X								\$670,000
52	BIA	Waste Water Treatment Pond	Used to aerate sewage generated from the FAA housing area	Repair sewage lagoon to support cleanup activities		X										\$90,000
53B	BIA	FAA Housing Area--Lead and Asbestos	Housing was built during WWII	Remove asbestos and lead-based paint		X	X									\$2,550,000
54	BIA	Public School	Originally a state school	Debris, lead-contaminated soils, POL contamination	School was burned to the ground.								X			\$320,000
56B	BIA	PNA/WA Residential Building (lead and asbestos)	Apartment was built for airline employees and is currently used for MIC residences	Remove asbestos and lead-based paint			X									\$30,000
69B	BIA	USCG Quarters--Structure	The remains of USCG quarters consists of a two-story building	Remove structure and debris, replace structure				X								\$830,000
71B	BIA	USCG Garage--Other	Former USCG office currently in use for sawmill storage and repair shop	Remove asbestos, barrels, containment for AST						X						\$70,000
77	BIA	PNA/WA Terminal	Single story building with garage	Remove asbestos and lead-based paint, debris; remediate contaminated soils; replace structure	Building was burned to the ground.						X					\$430,000
79	BIA	Log Storage Yard		Barrels, debris, contaminated soils									X			\$390,000
	BIA	TOTAL														\$11,290,000

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20	DOC/NWS	Weather Bureau Housing	Active housing for Weather Bureau consisting of seven wood frame buildings	Active AST with potentially POL-contaminated soil	Not a signatory to MOU					X						\$500,000
	DOC/NWS	TOTAL														\$500,000

**Interagency
Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska**

**Site Table
(sorted by Schedule)**

Interagency Coordinated Comprehensive Cleanup (C3) Plan
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	DOD	Asbestos Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Health issues for potential reuse	Eligibility unresolved	X										\$600,000
52	BIA	Waste Water Treatment Pond	Used to aerate sewage generated from the FAA housing area	Repair sewage lagoon to support cleanup activities		X										\$90,000
90B	DOD	Debris/Empty Drums	DOD dumped drums at various sites on the island	Safety issues	Safety	X										\$350,000
36	FAA	Glide Slope Facility	Built and used by FAA	Remove remains of the lead-based painted building	PCB containing equipment removed 1996/97	X	X									\$15,000
21	FAA	Remote Communications Air-Ground (RCAG) Facility	Site currently leased but not in use	Remove building; remove fuel contaminated soil; foundation to remain	Underground fuel tank removed during 1998	X	X									\$150,000
53B	BIA	FAA Housing Area--Lead and Asbestos	Housing was built during WWII	Remove asbestos and lead-based paint		X	X									\$2,550,000
80	FAA	Localizer	Owned and operated by FAA for over 25 years	Remove lead-based paint and asbestos, collapsed building, and equipment (Building 401)		X	X									\$25,000
1	FUDS	Water Treatment Plant	DOD-constructed in 1941 to supply fresh water to the Garrison areas	Mercury from switches and potential POL contamination from small fuel tank next to generator building, debris from fall structures	Access road repair and bridge repair	X	X	X								\$250,000
24	FAA	Middle Marker Facility	Built by FAA, contains lead-based paint, asbestos, and electrical equipment	Remove collapsed building and tar drums near stream	Nearby transformer casing tested clean for PCBs	X	X	X								\$35,000
33B	USCG	Former USCG Storage Area	Leased from FAA by USCG	Remove drums, fuel-contaminated soil from Revetments H-38, H-39, H-40		X	X	X								\$75,000
41	FAA	Tanker Truck Loading Facility--Tank Farm	Leased to Standard Oil by FAA for over 25 years	Remove/remediate fuel-contaminated soil	Standard Oil (now Chevron) could be a participating party	X	X	X								\$100,000
43A	FAA	South Tamgas Harbor Dock--Dock and Pipeline	Owned and operated by FAA and used by Standard Oil for over 25 years	Remove fuel and pipeline		X	X	X								\$100,000
63	FAA	Remote Receiver Station	Owned and operated by FAA for over 25 years	Remove lead based-paint, asbestos, towers, lead communication cables		X	X	X								\$150,000
76	FAA	Trailer (Former MoGas-Gas UST Service Island Location)	Subleased from FAA for 25 years by Standard Oil	Remove three USTs, including one by the hangar; remove contaminated soil	Tanks may belong to Standard Oil	X	X	X								\$300,000
37	FAA	Sand Shed/Asphalt Plant	Facility operated for 30 years by FAA	Remove drums, metal bands, burned building, and lead in soil; investigate tar pit (potentially remove tar pit)	"Black Water" contamination testing needed; sample for glycol in sand shed soil location	X	X	X	X							\$3,000,000

**Interagency Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
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49	FAA	Gasoline Station	Operated by Standard Oil and later by FAA	Remove/remediate contaminated soil from garage/wash/service area buildings; lead-based paint on buildings	Four buildings used by Standard Oil, FAA, USCG, and USA	X	X	X	X							\$500,000
50	FAA	Fire Truck Hut	Operated by Standard Oil and later by FAA	Remove fuel tank, lead-based paint, and fuel contamination; building to remain	Asbestos removal scheduled by DOD	X	X	X	X							\$100,000
51	FAA	FAA Storage Yard	Owned and operated by FAA for over 25 years	Remove fuel tanks, lead-based painted buildings which have collapsed, equipment, septic tanks, and fuel-contaminated soil	Many burned buildings in the area	X	X	X	X							\$100,000
53A	FAA	FAA Housing Area--POL and Tanks	Owned and operated by FAA for over 25 years	Remove underground fuel tanks and associated fuel-contaminated soil		X	X	X	X							\$500,000
90A	FAA	Fuel Dump Sites (Drums)--Island Wide	Government materials/trash sites	Remove drums; most of them contained asphalt for the runway		X	X	X	X							\$750,000
39A	FUDS	Fuel Pipeline System	Supplied the operational reserve and tactical fueling system; delivered fuel from the fuel dock to the storage tanks and to runway fueling pits	Fuel in pipeline and potential soil contamination	Potential Standard Oil responsibility	X	X	X	X	X	X					\$5,000,000
56A	FUDS	PNA/WA Residential Building (3-80,000 gallon AST)	Wood stove fuel tanks constructed as part of airfield support	POL soil contamination	SHPO; access	X	X	X	X	X	X					\$1,500,000
48	FAA	Main Construction Camp	Owned and operated by FAA for over 25 years	Remove fuel tanks, contaminated soil (lead, fuel, and PCBs), solvents, septic tanks, asbestos, lead based paint, collapsed buildings, etc.; foundation to remain	Standard Oil, USCG, and others lease property at this site from FAA	X	X	X	X	X	X					\$2,900,000
18	FUDS	Main Hospital Area	Quonset hut construction, 75 bed hospital	Potential POL, solvents, and insecticides	Site access; building demolition eligibility	X	X	X	X	X	X					\$3,000,000
55	FAA	FAA Service Building	Used as FAA garage	Remove fuel, fuel tanks, and contaminated soil		X	X	X	X	X	X	X				\$100,000
72	USCG	Hangar Boiler Building	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos and PCB- and fuel contaminated soils	Asbestos removal scheduled for 1999 by DOD	X				X	X	X				\$100,000
42	FAA	FAA Tank Farm	Operated by Standard Oil under a lease from FAA	Remove/remediate fuel-contaminated soils; confirm whether spills have impacted Tamgas Harbor wildlife	Standard Oil (now Chevron) could be a participating party	X	X	X	X	X	X	X	X	X		\$5,000,000
32	FAA	SALSR	Built and used by FAA	Remove lead-based painted building	PCBs removed 1996		X									\$5,000

Interagency Coordinated Comprehensive Cleanup (C3) Plan
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Site Number *	Proposed Agency **	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
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56B	BIA	PNAWA Residential Building (lead and asbestos)	Apartment was built for airline employees and is currently used for MIC residences	Remove asbestos and lead-based paint			X									\$30,000
81	DOD	Moss Point Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Sewer issues; potential for POL and solvents	SHPO eligibility unresolved		X									\$250,000
13	BIA	Abandoned Landfill		Batteries, paints, fuels, metal debris; closure			X	X								\$870,000
22	FAA	AACS Station	Used by FAA	Remove asbestos, lead, and collapsed building; foundation to remain	Tower also on site		X	X								\$100,000
25	FAA	Approach Lighting System	Consists of 29 towers built and used by FAA	Remove towers or associated lead-based paint			X	X								\$500,000
47B	FUDS	USCG Taxiways and Parking Circle—Ordinance Survey	WWII aircraft parking area used by USCG for aircraft refueling	Powder canisters; reportedly moved to this site when empty			X	X								\$15,000
71A	USCG	USCG Garage—Asbestos	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos			X	X								\$50,000
33C	FUDS	Landing Field—Firing Ranges near Runway B	Landing field consisted of two gravel runways constructed by DOD. The small arms firing range was established in one of the aircraft parking pavements	Potential lead issues	Potentially used after military		X	X	X							\$100,000
47A	USCG	USCG Taxiways and Parking Circles	Owned and operated by USCG; property leased from FAA/MIC	Remove transformer, drums, and fuel contaminated soil	Used as storage area for fuels removed from planes		X	X	X							\$25,000
58	FUDS	DOD Utility Officer Buildings—Quarter Master and Utility Buildings	Shop area providing aircraft and other maintenance	Potential POL, solvents, and paints	Building demolition eligibility		X	X	X							\$15,000
64	FAA	Runway Taxiways and Parking Circles	Owned and operated by FAA for over 25 years	Remove drums and spills			X	X	X	X						\$150,000
89	FAA	Trash Dumps Island Wide	Government materials/trash sites	Remove environmental issues, government trash, electronic equipment	Some WWII plane parts may be historic		X	X	X	X						\$500,000
12	BIA	North Tangas Harbor Tank Farm		Clean and refurbish tanks; spill containment for emergency response				X								\$200,000
16	FAA	Antenna Towers	Built by FAA; contains lead-based paint	Remove towers or associated lead-based paint				X								\$50,000
35	FAA	Small Tower	Used for airport operation	Remove lead-based painted tower				X								\$5,000

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43B	FUDS	USCG Housing--South Tamgas Harbor Dock Ordinance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of the war	Ordnance contaminates from dumped debris			X									\$50,000
45B	FUDS	USCG Seaplane Base--Ramp Ordinance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of the war	Ordnance contaminates from dumped debris			X									\$50,000
69B	BIA	USCG Quarters--Structure	The remains of USCG quarters consists of a two-story building	Remove structure and debris, replace structure			X									\$830,000
82	DOD	Winnipeg Garrison (PAA Housing)	Housing for base personnel; largely Quonset hut and local wood-frame construction; remodeled after DOD use by Pan American Airlines	Potential fuel tanks and POL contamination	Eligibility unresolved		X									\$500,000
19	FAA	Non-Directional Beacon (NDB)	Site currently leased and in use	Lead in soil from burned building; remove downed towers			X	X								\$100,000
10	FAA	Automobile Landfill	Used for storage/disposal of metal materials, drums, vehicles, etc.	Remove materials; recycle metal materials	North corner of site shows signs of soil contamination		X	X	X							\$750,000
40	USCG	Pipeline Oil/Water Separators	Used by USN and USCG during WWII	Drain fuel line; cleanup contaminated soil	This work should be included with cleanup of entire six miles of pipeline		X	X	X							\$80,000
68	USCG	USCG Water Treatment Plant	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos, PCB oils, and hazards	One abandoned PCB containing transformer in the area		X	X	X							\$60,000
73	USCG	Boiler Building AST	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area		X	X	X							\$150,000
5	FAA	Municipal Landfill	Started in the 1940s and used only by the government until the mid-1960s; currently used by MIC	Close landfill with funding from responsible parties; landfill is a wetland and not permitted	A new land fill/waste manage system needed		X	X	X	X	X	X	X	X		\$5,000,000
8	BIA	Bark Disposal Fill Area		Salvage bark and compost, metal debris, slope stabilization, close and cap area	Other potential participating party.			X								\$2,800,000
46	USCG	USCG Fire Station/Post Exchange	Operated by USCG; property leased from FAA	Remove lead, asbestos, fuel lines, fuel tanks, and associated contaminated soil				X								\$95,000
83	DOD	Annette Inn Auxiliary Area	Former anti-aircraft positions and housing	Collapsed structures in creek	Eligibility unresolved			X								\$200,000
57	FAA	Administration Building	FAA leased property, NWS-owned Building 307 (also called BC-1)	Possible lead in soil from burned building; remove collapsed building; foundation to remain	Later used by USCG as Muskeg Lounge			X	X							\$15,000
69A	USCG	USCG Quarters--POL	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel spillage from former AST				X	X							\$100,000
78	FAA	Air Traffic Control Tower	Owned and operated by FAA for over 25 years	Remove lead based-paint from tower or demolish tower; remove UST and contaminated soil	Tower may be of historic value			X	X							\$175,000

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84	FUDS	Tokio Garrison	Housing for base personnel. Largely Quonset hut and local wood-frame construction.	POL associated with power generators and fuel tanks	SHPO-building demolition eligibility				X	X						\$250,000
15A	DOD	White Alice Station (MPL)	Constructed in 1956 as a DEW line communication link	UST still connected to active system; releases from UST; debris.	Eligibility unresolved				X	X	X					\$2,000,000
26	FUDS	Canoe Cove Garrison	Housing for base personnel. Largely Quonset hut and local wood-frame construction	Fuel tanks	SHPO-building demolition eligibility				X	X	X					\$250,000
27	FAA	VORTAC Facility	Site currently leased and in use	Remove lead-based paint chips from soil	Lead from painted counterpoise				X	X	X					\$750,000
44	USCG	USCG Housing	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel lines, fuel tanks, and associated contaminated soil	Building foundation and collapsed buildings				X	X	X					\$150,000
59	FUDS	Air Warning Center Garrison	Site of the AWS filter center; included housing to support AWS personnel	POL associated with power generators and fuel tanks	SHPO-building demolition eligibility				X	X	X					\$250,000
74	USCG	USCG ASTs	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area				X	X	X					\$50,000
62	FAA	Power House	Owned and operated by FAA for over 25 years	Remove contaminated soil from fuel storage site; foundation to remain	Possible lead-based paint on building				X	X	X	X				\$500,000
75	USCG	Hangar	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint, asbestos, UST tank, and PCB and fuel spills in and around hangar	Ownership of abandoned transformers in the hangar is unclear				X	X	X	X	X			\$4,000,000
9	BIA	Power Generation Plant	Originally an army power generation plant.	Transformers, drums, contaminated soils, ASTs						X						\$2,160,000
20	DOC/NWS	Weather Bureau Housing	Active housing for Weather Bureau consisting of seven wood frame buildings	Active AST with potentially POL-contaminated soil	Not a signatory to MOU					X						\$500,000
71B	BIA	USCG Garage-Other	Former USCG office currently in use for sawmill storage and repair shop	Remove asbestos, barrels, containment for AST						X						\$70,000
14	FAA	Chlorination Building	Built by FAA; contains lead-based paint	Remove building or lead-based paint	Asbestos on water pipeline					X	X					\$15,000
23	FAA	ACS Transmitter	ACS run in cooperation with FAA	Potential fuel and PCB spills; remove collapsed building; foundation to remain	Additional soil testing needed					X	X					\$80,000
61	FAA	71st Garrison	Owned by the FAA for over 25 years	Remove drums and other hazardous materials	Could save one Quonset hut which is in great shape					X	X					\$250,000
3	FUDS	6-inch Guns and Garrison	Two 6-inch guns were installed for coastal defense; included housing for gun crews	Potential POL associated with heating oil tanks, debris	SHPO-building demolition eligibility						X					\$15,000

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7	BIA	BIA Road Maintenance Center		Lead-based paint, PCBs, drums, contaminated soils, ASTs							X					\$550,000
31	FUDS	Underground Fuse Magazines	Storage magazines for torpedo fuses	Falling hazards	SHPO						X					\$50,000
38	FUDS	DOD Sawmill	Provided lumber for local construction in support of base operations	Debris, potential contamination relating to sawmill operations							X					\$50,000
77	BIA	PNAWA Terminal	Single story building with garage	Remove asbestos and lead-based paint, debris; remediate contaminated soils; replace structure	Building was burned to the ground.						X					\$430,000
86	FUDS	Satellite Tracking Station	Constructed in 1961 for the early radar tracking of satellites	Concrete structures, potential for lead-based paint	SHPO						X					\$25,000
70	FAA	Beacon Tower	Owned and operated by FAA for over 25 years	Remove lead-based paint from beacon tower or demolish tower							X	X				\$15,000
33A	FAA	Landing Field	Owned and operated by FAA	Remove drums from revetments and investigate soils potentially contaminated with herbicides							X	X	X			\$500,000
54	BIA	Public School	Originally a state school	Debris, lead-contaminated soils, POL contamination	School was burned to the ground.							X				\$320,000
79	BIA	Log Storage Yard		Barrels, debris, contaminated soils								X				\$390,000
87	DOD	Point Davison Garrison	Housing for personnel operating the 155mm gun positions	Sewer issues; potential for POL and solvents	Critical SHPO eligibility unresolved							X				\$500,000
60	FAA	Receiver Station	Owned by FAA for over 25 years	Remove lead-based painted metal and collapsed building								X	X			\$15,000
67	FAA	Weather Bureau Station--Hangar	Subleased from FAA for 25 years	Remove buried drums near site								X	X			\$10,000
45A	USCG	USCG Seaplane Base	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint materials, debris, and hazards								X	X	X		\$25,000
2	DOD	Engineer Garrison (Yellow Hill)	Housing for base engineers	Sewer issues; potential for POL and solvents	SHPO eligibility unresolved								X			\$50,000
34	FAA	Runway to Camp Road (Plank Road)	Built and abandoned in place	Remove roadway and drums									X	X	X	\$5,000,000
65	DOD	Runway Fortifications	Training area adjacent to Runway A	Barbed wire and trenches	SHPO/safety eligibility unresolved									X		\$150,000

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66	FAA	High Intensity Light	Owned and operated by FAA for over 25 years	Remove light fixtures (asbestos wiring, ballasts, bulbs)										X		\$15,000
	DOD	Lead-Based Paint Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Health issues for potential reuse	Eligibility unresolved									X	X	\$1,000,000
28	FAA	Water Tanks	Built and abandoned in place on current lease site (VORTAC)	Remove platforms, wire rings, and other debris from site											X	\$15,000
29	FAA	Directional Finder Antenna	Site currently leased and in use	Antenna may be painted with lead-based paint	May require stripping and repainting										X	\$5,000
		TOTAL														\$61,565,000

**Interagency
Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska**

Selected References

Contacts

Acronyms

Selected References

1. Corps of Engineers Alaska District, 28 Aug 96, Memorandum for Record: *Subject: Annette Island Alaska—Investigation of Ordnance Explosive (OE) Storage Facilities.*
2. Eberhardt, W., 28 Mar 88, FAA Hazardous Waste Program Manager (AAL-463H), Memorandum regarding on-site visit to Annette Island to David Epstein, Supervisor (AAL-463).
3. Ecology and Environment, Inc., Mar 90, *Hazardous and Toxic Waste Report Phase II Field Investigation, Annette Island Landing Field, Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
4. Ecology and Environment, Inc., Jun 90, *Pre-Design Report, Phase II Field Investigation Annette Island Landing Field, Annette Island, Alaska*, prepared for U.S. Army Corps of Engineers, Anchorage, Alaska.
5. Ecology and Environment, Inc., 1991, *Real Estate File Search, Annette Island FAA Facility*, Anchorage, Alaska, prepared for Federal Aviation Administration, Anchorage, Alaska.
6. Ecology and Environment, Inc., May 92, *Environmental Compliance Investigation Report for the Annette Island FAA Facility*, prepared for Federal Aviation Administration, Anchorage, Alaska.
7. Ecology and Environment, Inc., 1993, *Trip Report, Federal Aviation Administration Hazardous Waste Removal/Disposal Project, Annette Island FAA Station*, prepared for Federal Aviation Administration, Anchorage, Alaska.
8. Ecology and Environment, Inc., 1994, *Expanded Site Investigation/Interim Cleanup Plan, Federal Aviation Administration, Annette Island FAA Station, Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
9. Ecology and Environment, Inc., May 95, *Site Cleanup and Investigation Report, Volume 1, Expanded Site Investigation/Interim Cleanup Project*, prepared for Federal Aviation Administration, Anchorage, Alaska.
10. Ecology and Environment, Inc., 1995, *Trip Report Federal Aviation Administration Nonhazardous and Hazardous Materials Removal/Disposal Project Annette Island FAA Station Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
11. Ecology and Environment, Inc., Nov 95, *Remedial Action Plan, Hangar Facility, Annette Island FAA Station, Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
12. Federal Aviation Administration, Aug 97, *Annette Island Environmental Restoration Issues Annette Island, Alaska*, Anchorage, Alaska.
13. Federal Aviation Administration, Aug 97, *Coordinated Comprehensive Cleanup Program Cost Estimate Annette Island*, Anchorage, Alaska.
14. Harding Lawson Associates, Oct 90, *FAA UST Management Report for Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
15. Metlakatla Indian Community and Environmental Concerns, Inc., 1972, *Metlakatla Indian Community Comprehensive Development Plan, Annette Island Reserve.*
16. OHM Remediation Services Corp., July 1998, *Annette Island PCB Removal*, report prepared for U.S. Army Corps of Engineers and FAA, Anchorage, Alaska.
17. Ridolfi Engineers and Associates, Inc., 1996, *Preliminary Assessment Metlakatla Peninsula.*
18. Ridolfi Engineers and Associates, Inc., 1998, *Master Plan for Environmental Mitigation of the Metlakatla Peninsula.*
19. Ridolfi Engineers and Associates, Inc., 1998, *Metlakatla Peninsula Asbestos Inventory and Abatement Plan.*
20. Ridolfi Engineers and Associates, Inc., 1998, *Metlakatla Peninsula Lead-Based Paint Investigation.*
21. Ridolfi Engineers and Associates, Inc., 1998, *Metlakatla Peninsula Limited Remedial Investigation.*
22. Sverdrup & Parcel and Associates, Inc., Jan 86, *Inventory Report for Annette Island Landing Field, Alaska*, prepared for U.S. Army Corps of Engineers, Anchorage, Alaska.
23. Sverdrup Corporation, 1988, *Trip Report for Preliminary Assessment of Hazardous and Toxic Wastes, POL, and Debris at former Department of Defense (DOD) sites on Annette Island, Alaska*, prepared for U.S. Army Corps of Engineers, Anchorage, Alaska.

Contacts

Participant	Telephone	Facsimile	Street Address	Mailing Address	E-mail Address
Beauchamp, Suzanne	907-753-5559	907-753-5646	U.S. Army Engineer District-Alaska Building 21-700, Room 219 Elmendorf AFB, Alaska	U.S. Army Engineer District-Alaska CEPOA-EN-EE-II (Beauchamp) PO Box 898 Anchorage AK 99506-0898	suzanne.m.beauchamp@poa02.usace.army.mil
Benson, Jeff	907-886-4200	907-886-4202	Metlakatla Indian Community Milton Street Metlakatla, Alaska	Metlakatla Indian Community PO Box 3 Metlakatla AK 99926	micenvir@eagle.ptialaska.net
Beyette, Garth	907-271-3355	907-271-4470	Federal Aviation Administration, AAL-471 Airway Facilities Division 222 West 7th Avenue, #14 Anchorage, Alaska	Federal Aviation Administration, AAL-471 Airway Facilities Division 222 West 7th Avenue, #14 Anchorage AK 99513-7587	garth.beyette@faa.gov
Boynton, June	503-231-6749	503-231-6701	Bureau of Indian Affairs 911 NE 11 th Avenue Portland, Oregon	Bureau of Indian Affairs 911 NE 11 th Avenue Portland OR 97232-4169	jboynton@port.bia.gov

Acronyms

ACS	Alaska Communications System	O&M	operations and maintenance
ANICS	Alaska national/air space interfacility communication system	OE	ordnance and explosives
AST	<i>aboveground storage tank</i>	PAA	Pan American Airlines
AWS	Air Warning Service	PCB	polychlorinated biphenyls
BDDR	building demolition and debris removal	PNA/WA	Pacific Northern Airlines/Western Airlines
BIA	Bureau of Indian Affairs	POL	petroleum oil lubricant
C3 Plan	Coordinated Comprehensive Cleanup Plan	RCAG	remote communications air-ground
DEW	distant early warning	RD	remedial design
DOC	Department of Commerce	RE	remedial/removal action
DOD	<i>Department of Defense</i>	SALSR	<i>Short Approach Lighting System Rail</i>
DOT	Department of Transportation	SHPO	State Historical Preservation Office
EPA	Environmental Protection Agency	USAED	U.S. Army Engineer District-Alaska
FAA	Federal Aviation Administration	USA	U.S. Army
FS	feasibility study	USAF	U.S. Air Force
FUDS	Formerly Used Defense Sites	USCG	U.S. Coast Guard
GTE	General Telephone & Electric	USN	U.S. Navy
MIC	<i>Metlakatla Indian Community</i>	UST	<i>underground storage tank</i>
MoGas	gasoline	VORTAC	very high frequency omnidirectional range TACAN
MOU	memorandum of understanding	WWII	World War II
MPL	Metlakatla Power and Light		
NDB	non-directional beacon		
NEPA	National Environment Policy Act		
NWS	National Weather Service		